CLAIMS

1. A quick coupling device comprising a body (5) axially subdivided into a link section (6) for linking to a first duct (1), and a connection section (7) arranged to receive in leaktight manner one end (3) of a second duct (2), the body being associated with a retaining member (22) possessing tabs (24) that are elastically deformable between a state of gripping an outer bead (4) on the end of the second duct, and a state of releasing the bead, the device being characterized in that the retaining member is mounted on the body to turn between a free deformation position in which the tabs can deform between their two states, and at least one holding position in which the tabs cooperate with a surface (20, 21) that is secured to the body and that holds the tabs in one of their two states.

2. A device according to claim 1, characterized in that, in the holding position, each tab (24) is in its gripping states and is received at least in part in a housing of the body (5) having a surface (20) that opposes deformation of the tab towards its release state.

3. A device according to claim 1, characterized in that, in the holding position, each tab (24) cooperates with a ramp (21) of the body (5) lifting the tab so as to bring it into its release state.

4. A device according to claim 3, characterized in that, in the free deformation position, the retaining member (22) is arranged to be capable of being driven axially by the second duct (2) towards a locking position in which each tab (24) in its gripping state is received at least in part in a housing of the body (5) having a surface (120) that opposes deformation of the tab towards its release state.

5. A device according to claim 2 and claim 3, characterized in that the retaining member (22) possesses two holding positions that are angularly offset relative to each other.

6. A device according to claim 5, characterized in that the two holding positions are situated on either side of the free deformation position.

7. A device according to claim 1, characterized in that the body (5) has a radial abutment surface (18) for cooperating with a front radial surface at the free end of each tab (24) when the tabs are subjected to a traction force.

8. A device according to claim 1, characterized in that it includes indexing means (28, 29, 30) for indexing the retaining member (22) relative to the body (5) at least for the free deformation position of the retaining member.

9. A device according to claim 8, characterized in that the indexing means comprises at least one flexible blade (30) extending axially from the retaining member (22) or the body (5) to cooperate with a stud (28) projecting radially from the body or from the retaining member.